



FIG. 1

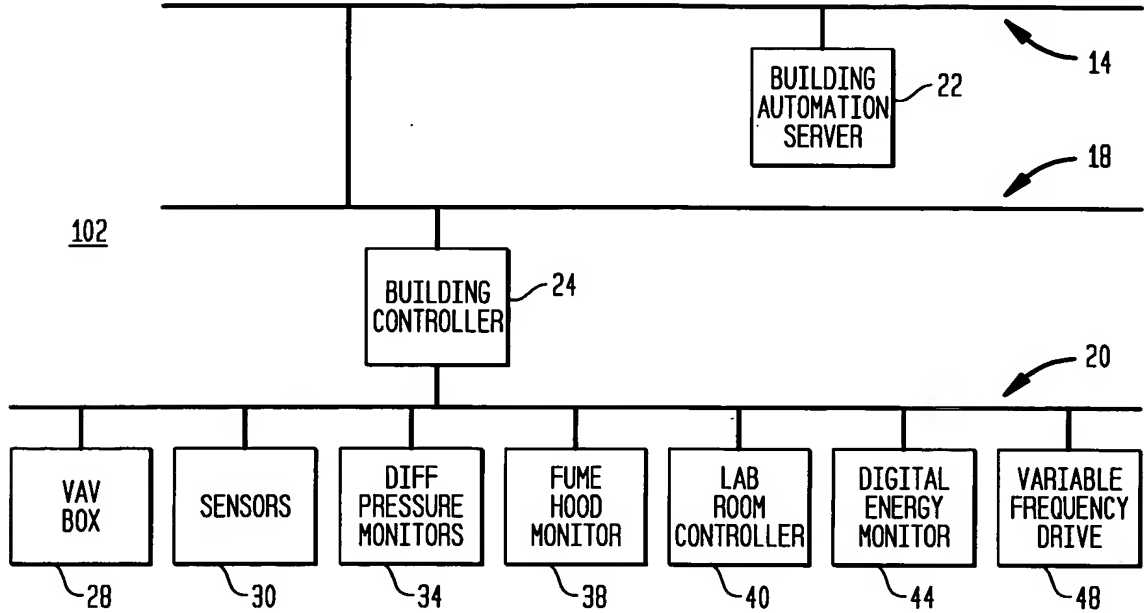


FIG. 2

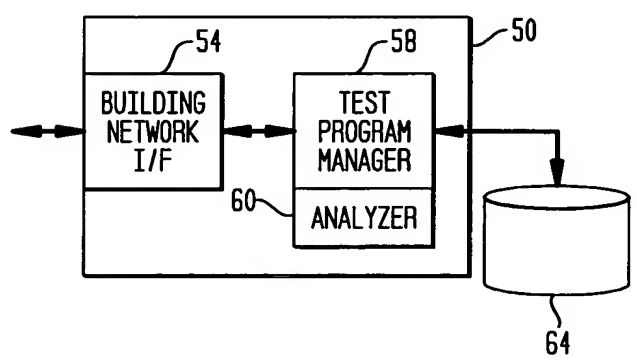


FIG. 3

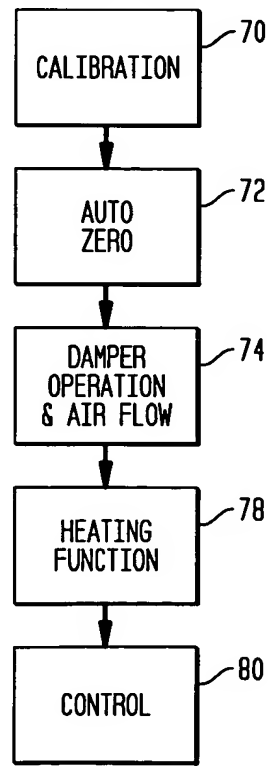


FIG. 4

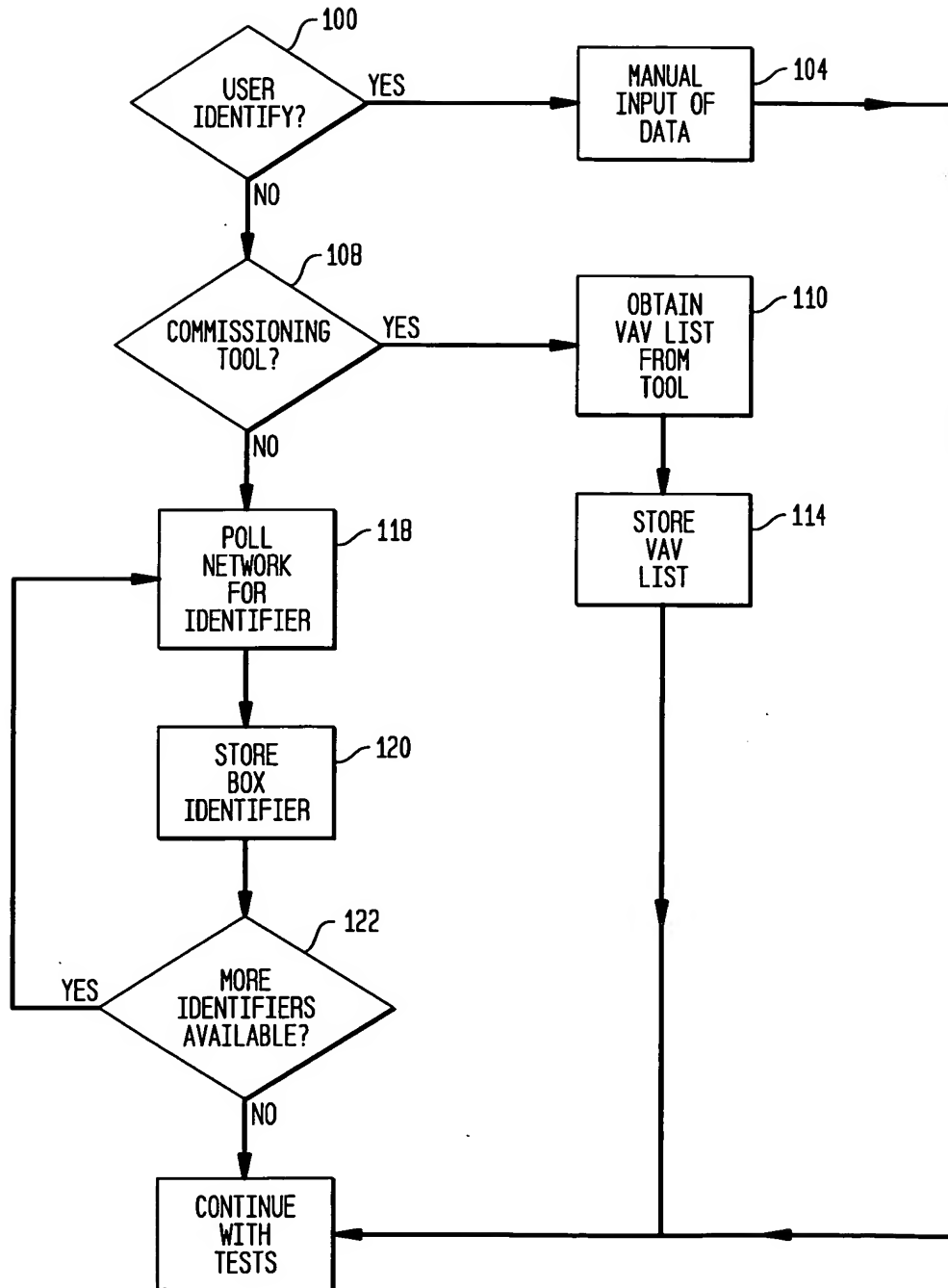


FIG. 5

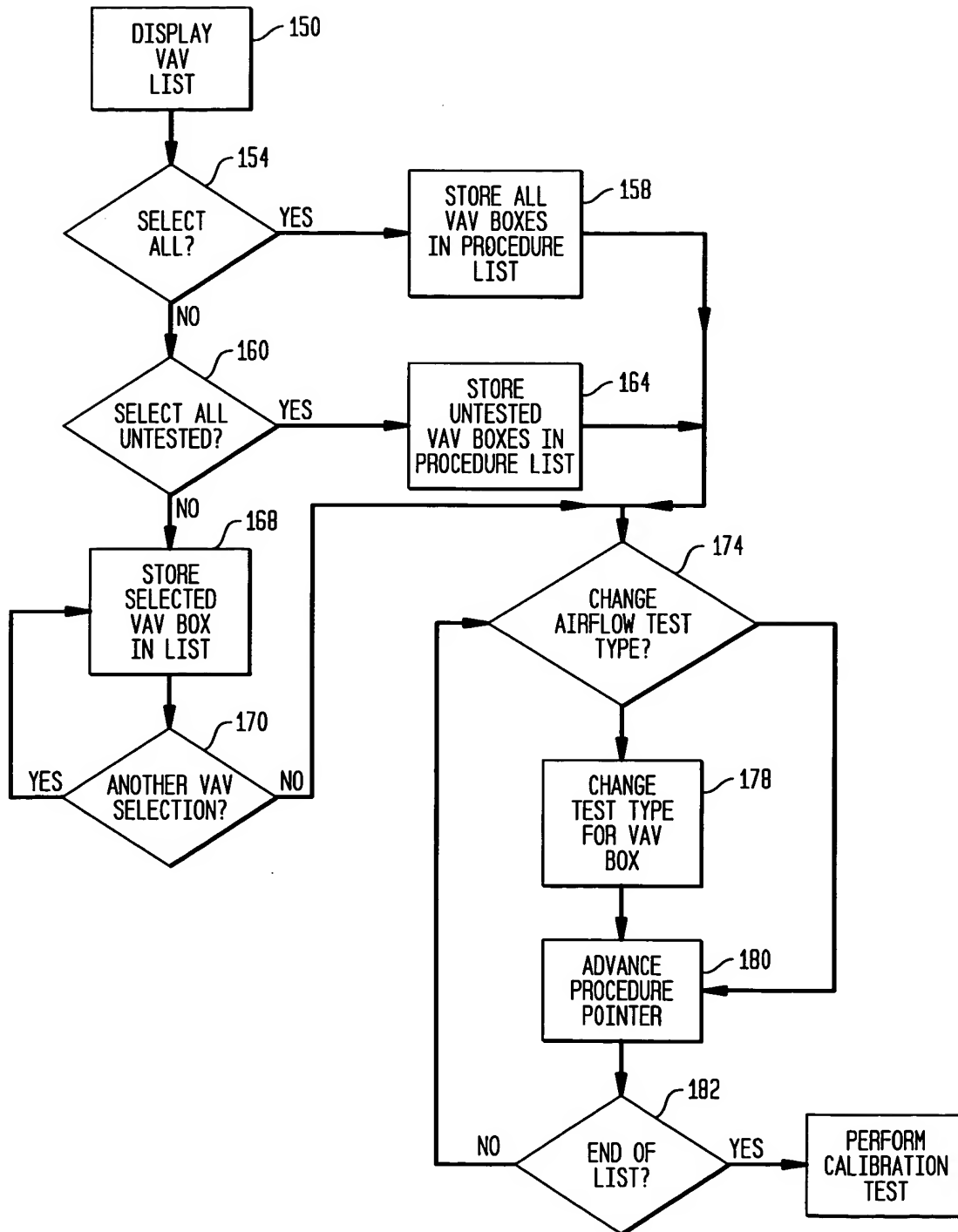


FIG. 6

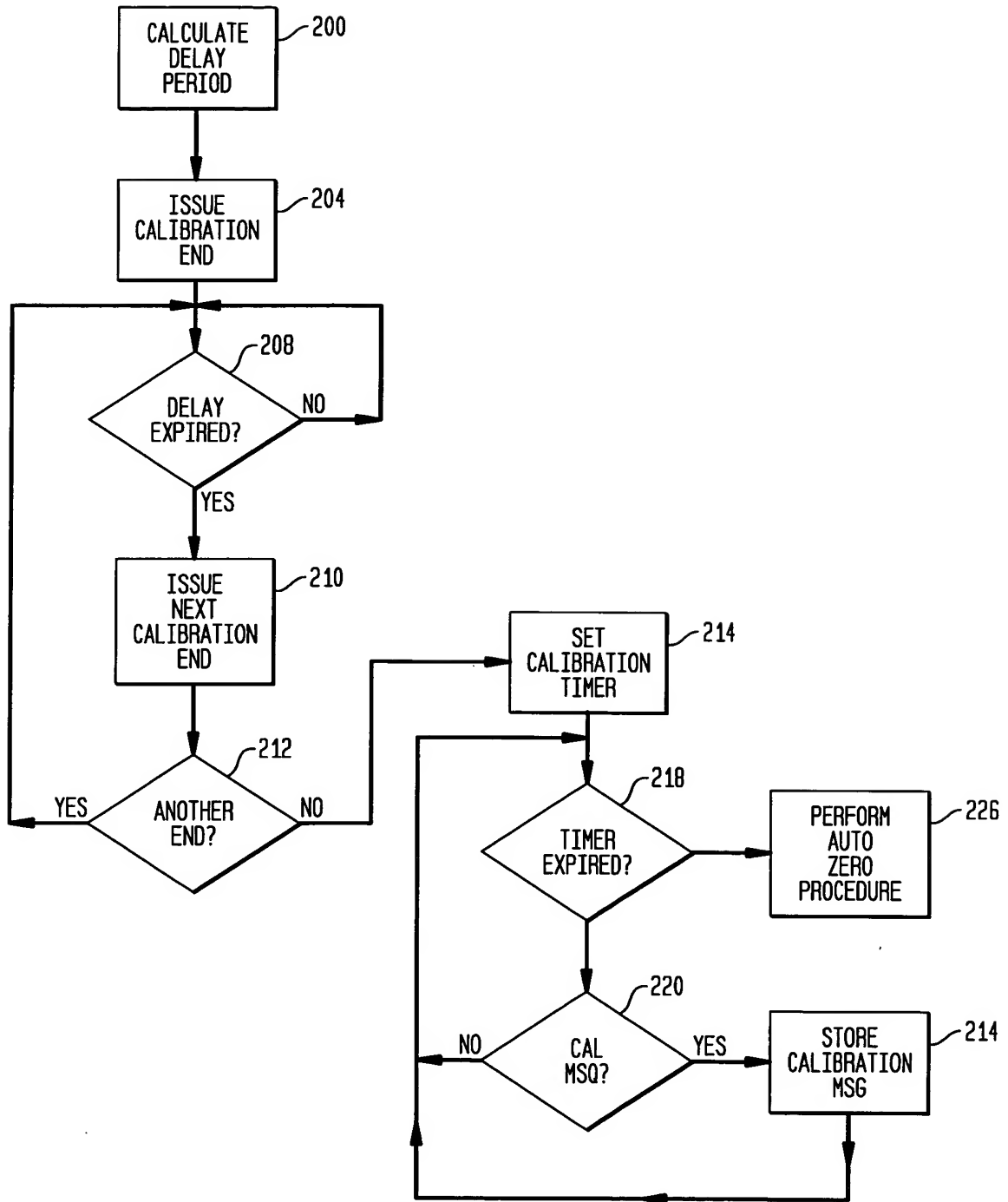


FIG. 7

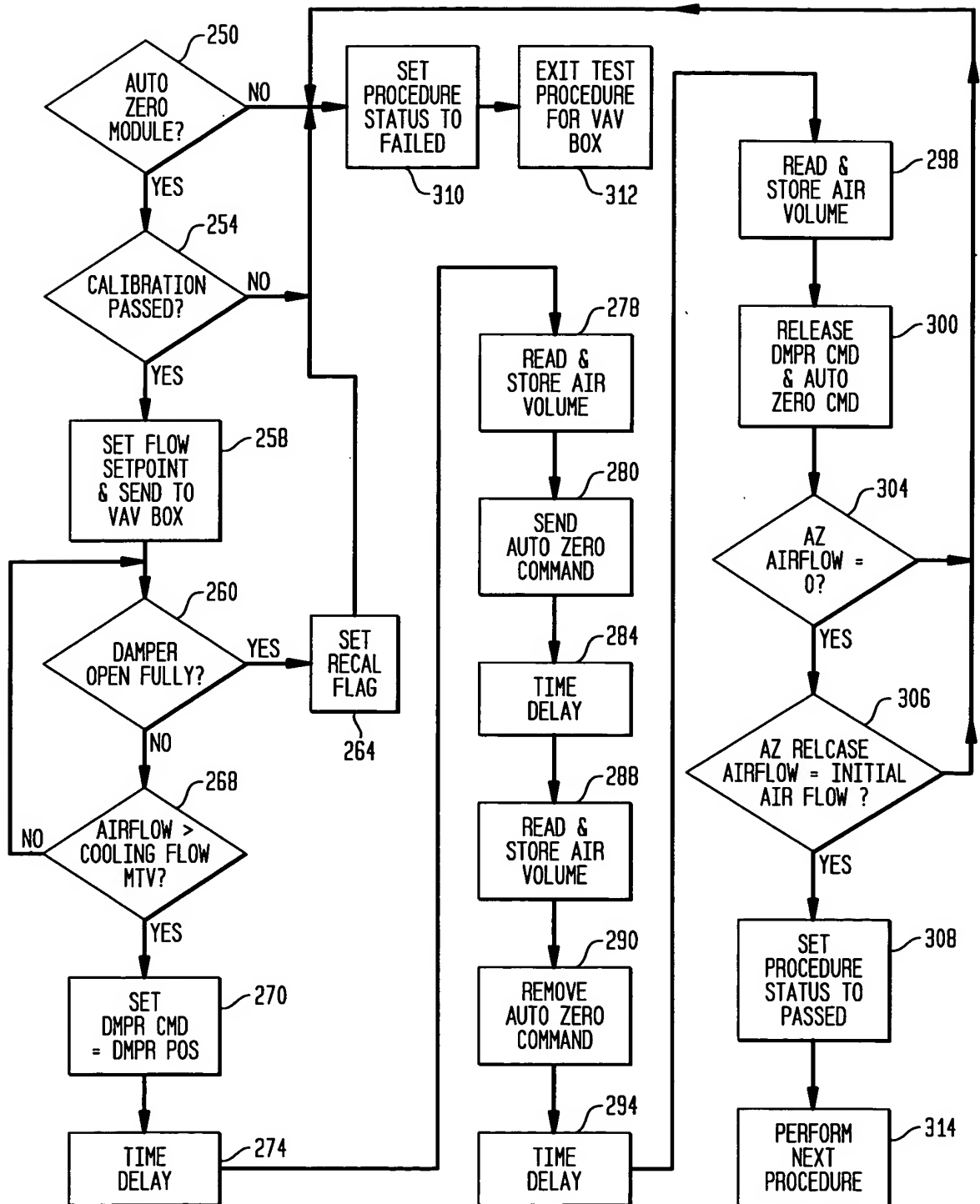


FIG. 8A

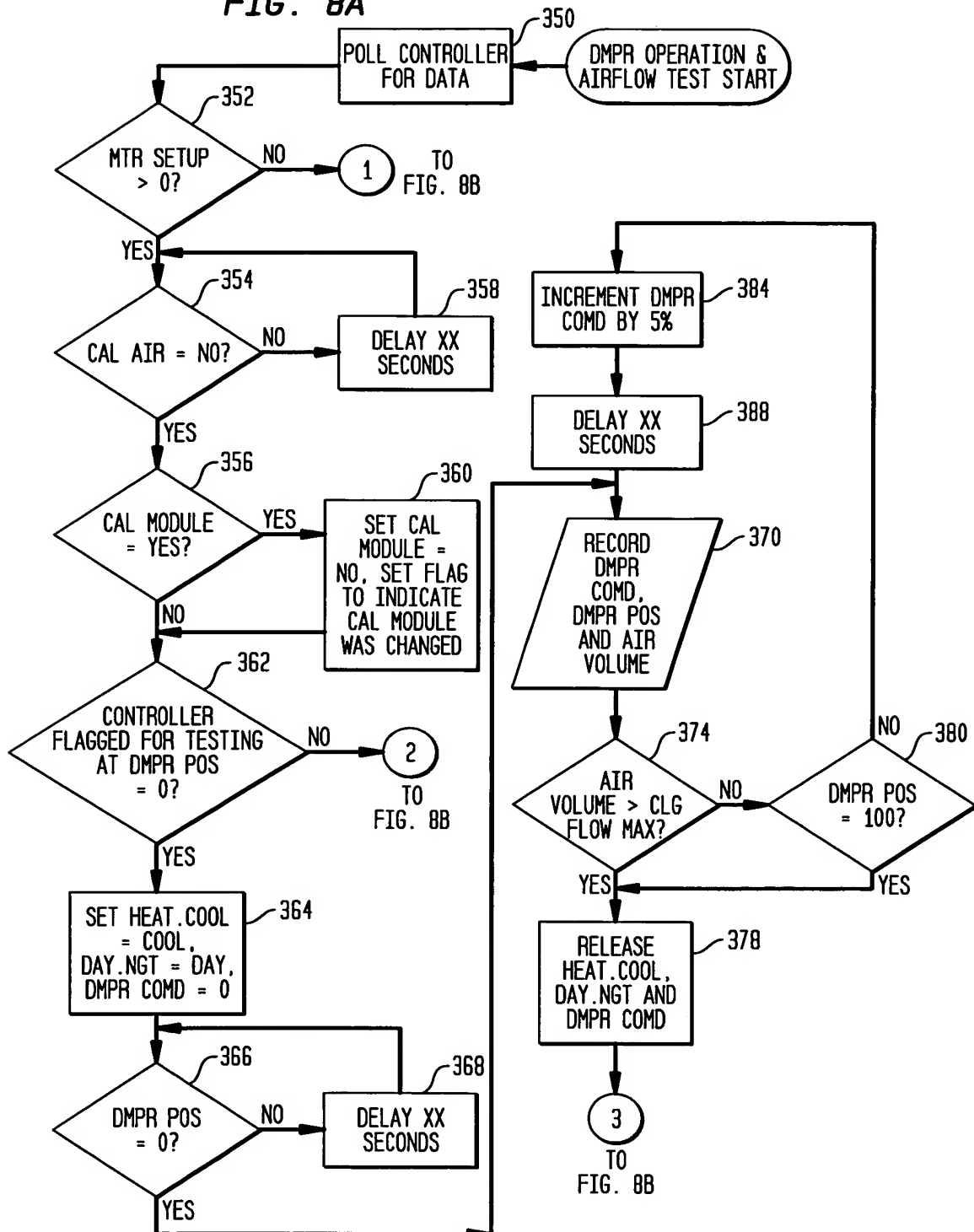
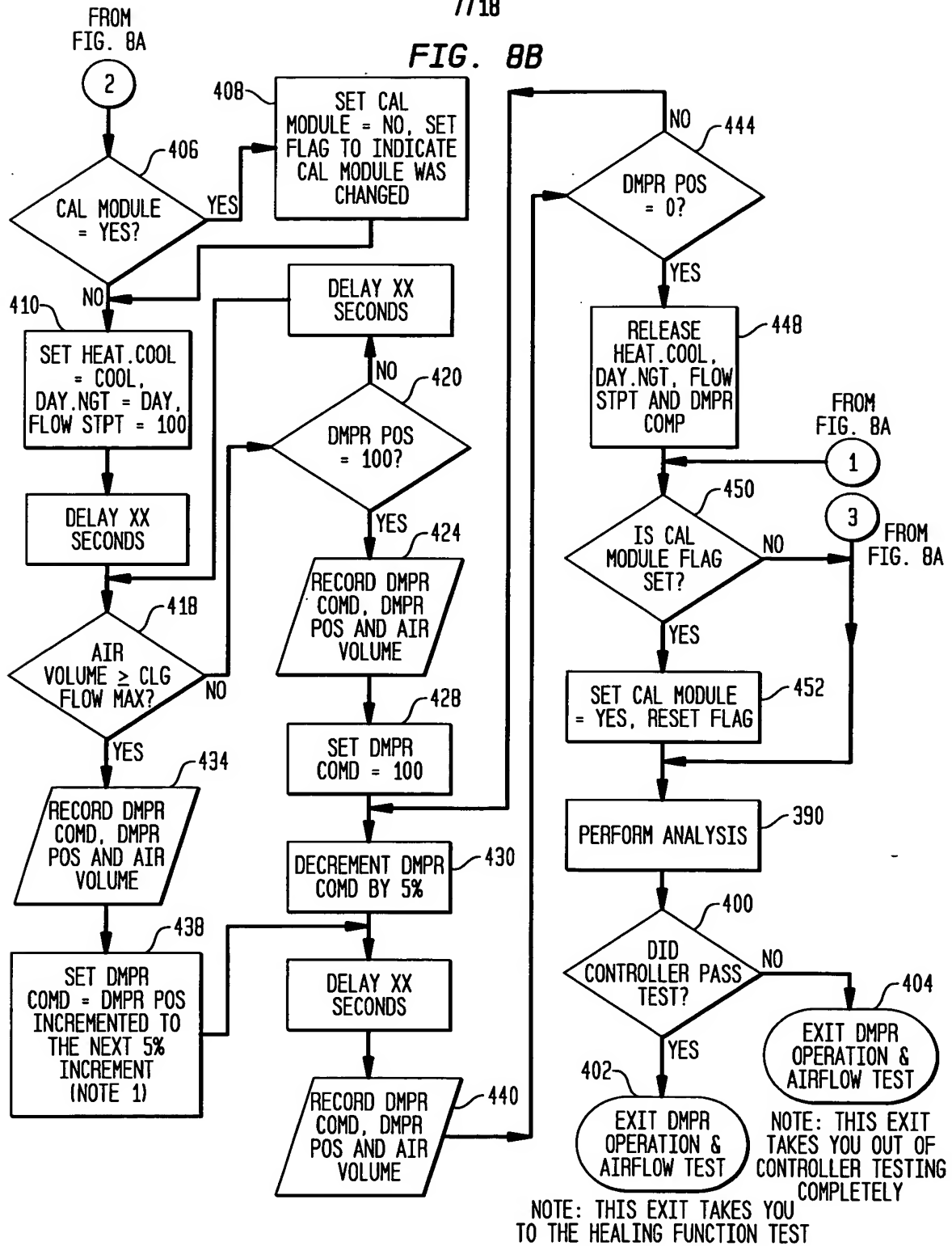


FIG. 8B



```

graph TD
    460[SELECT DAMPER = 0 DATA POINTS] --> 464{ANY WITH AIR-FLOW > 200 FPM?}
    464 -- NO --> 466[CALCULATE DIFFERENTIAL RATE]
    464 -- YES --> 490{IS MAX CLG RATE ≥ 4 TIMES MIN CLG RATE?}
    466 --> 470{AIRFLOW INCREASE AS DAMPER OPENED?}
    470 -- NO --> 478[STORE WARNING]
    470 -- YES --> 474{AIRFLOW @ FULLY OPEN < COOLING MAX - DIFF RATE?}
    474 -- NO --> 478
    474 -- YES --> 480{AIRFLOW INCREASE FROM 20% OPEN TO 80% OPEN?}
    480 -- NO --> 478
    480 -- YES --> 482{ANY CHANGE?}
    482 -- NO --> 478
    482 -- YES --> 484[STORE ACTUATOR LOOSE STATUS]
    484 --> 486[STORE WARNING]
    486 --> C((C))
    C --> TO_FIG_9B_C[TO FIG. 9B]
    488{AIRFLOW INCREASE FROM 80% TO 100%?}
    488 -- NO --> 486
    488 -- YES --> A((A))
    A --> 490
    490 -- YES --> 494{IS DMPR ≤ 35% AT AIRFLOW ≥ MAX CLQ FLOW?}
    494 -- YES --> 496[STORE OVERSIZE WARNING]
    494 -- NO --> 500{AIRFLOW ≥ MAX CLG RATE?}
    500 --> B((B))
    B --> TO_FIG_9B_B[TO FIG. 9B]
    496 --> 504{DMPR > 90% & AIR VELOCITY > UPPER THRESHOLD?}
    504 --> 508[STORE OVERSIZE WARNING]
    508 --> TO_FIG_9B_A[TO FIG. 9B]

```



FIG. 9B

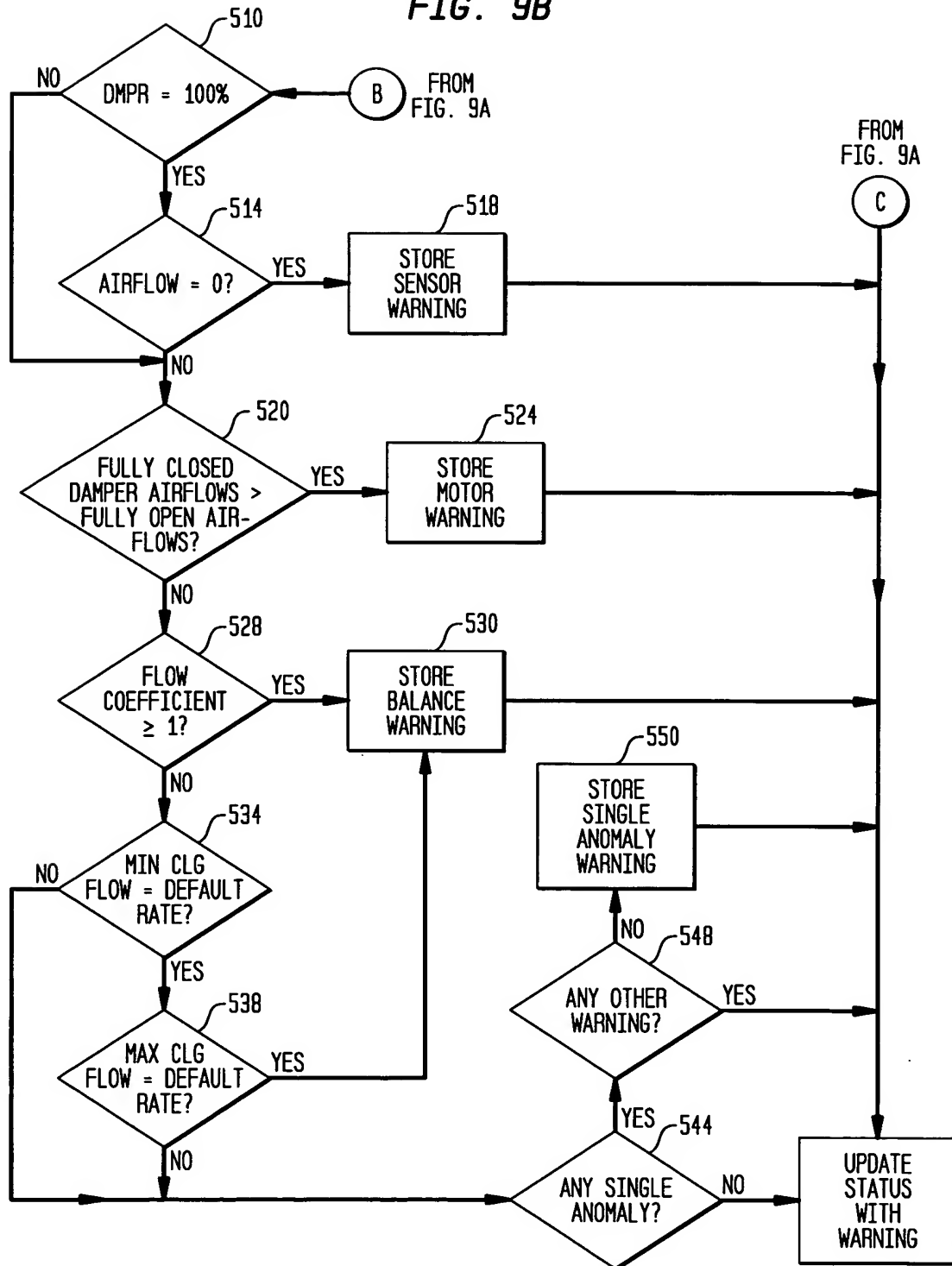


FIG. 10A

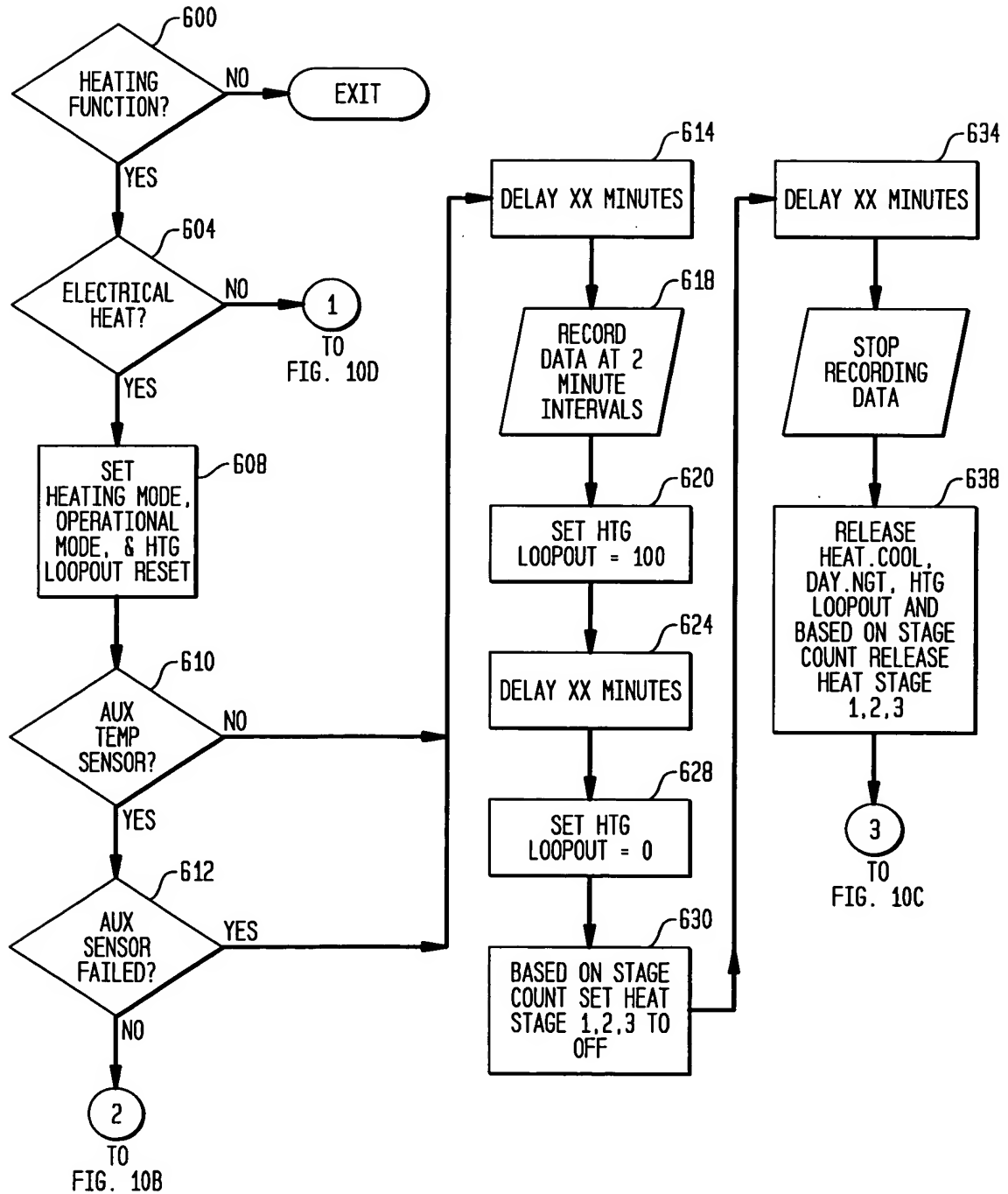
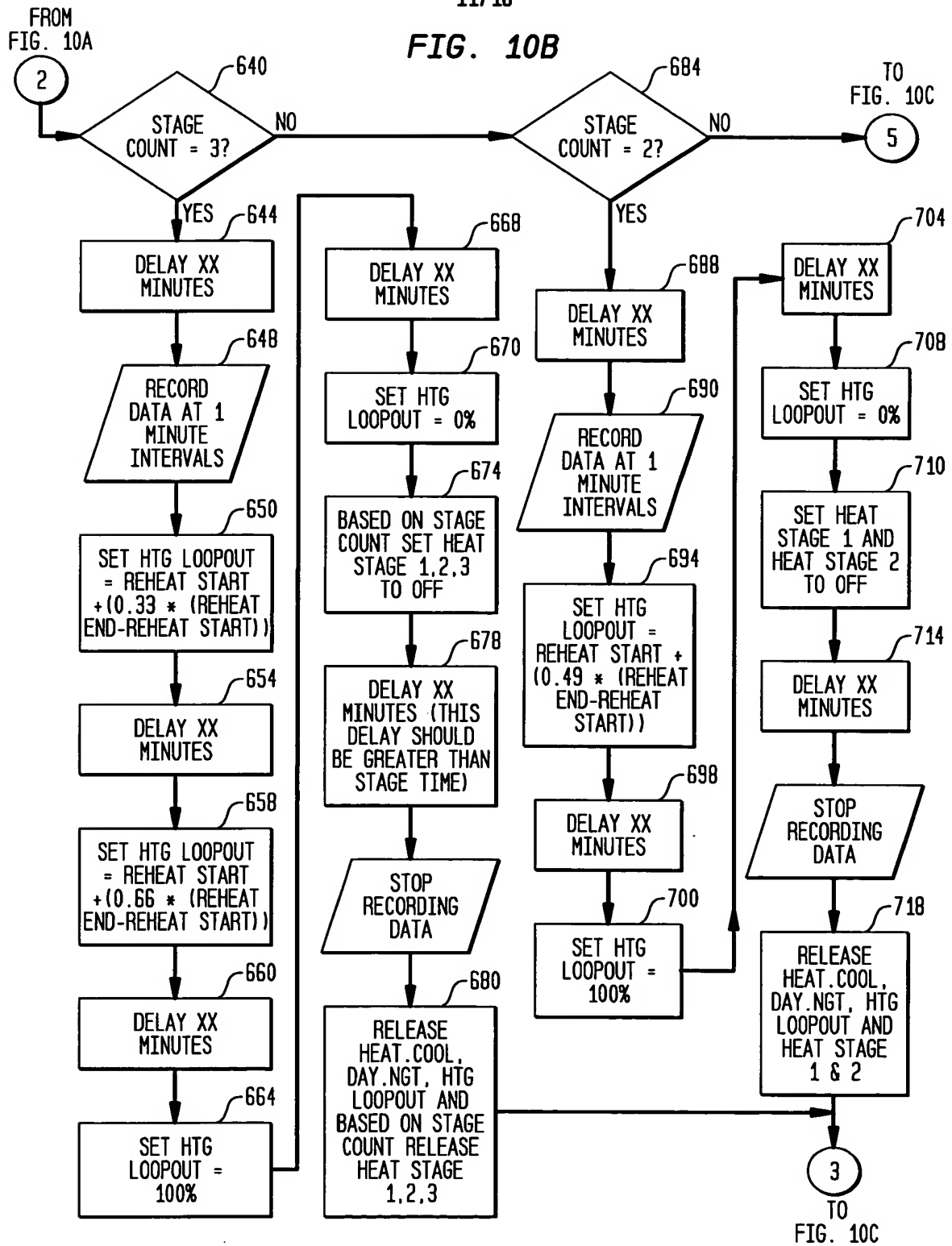


FIG. 10B



FROM  
FIG. 10A & B

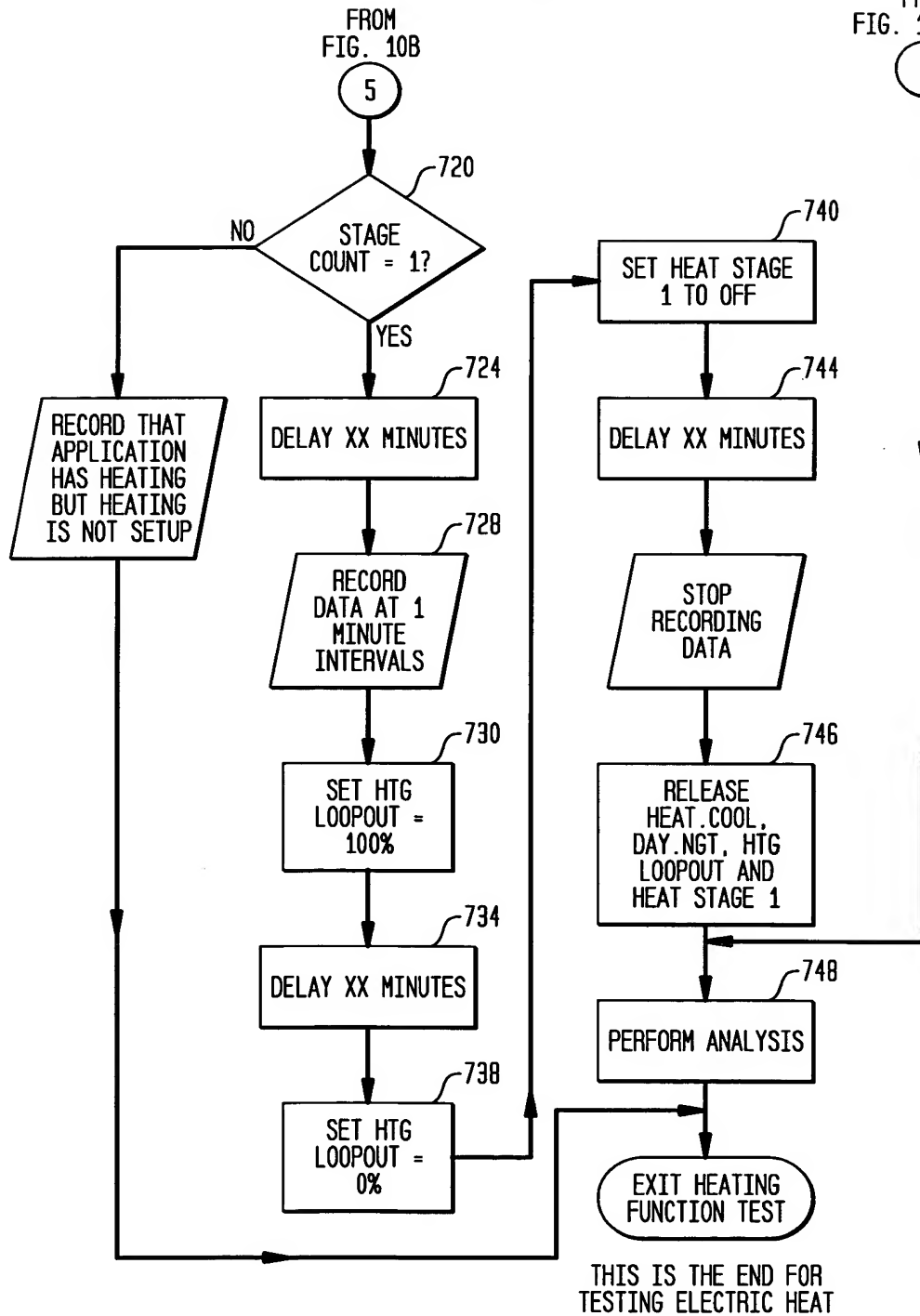


FIG. 10D

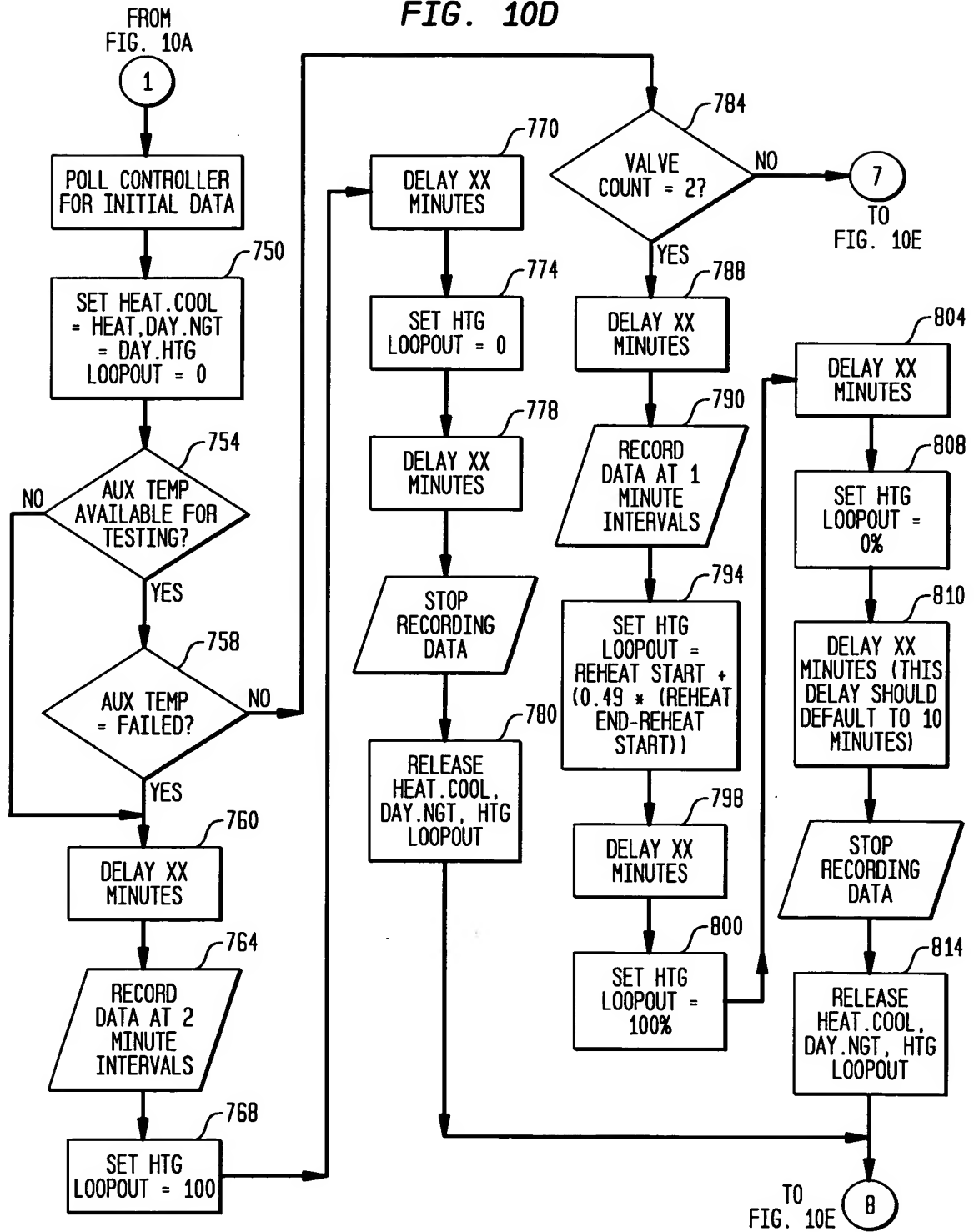
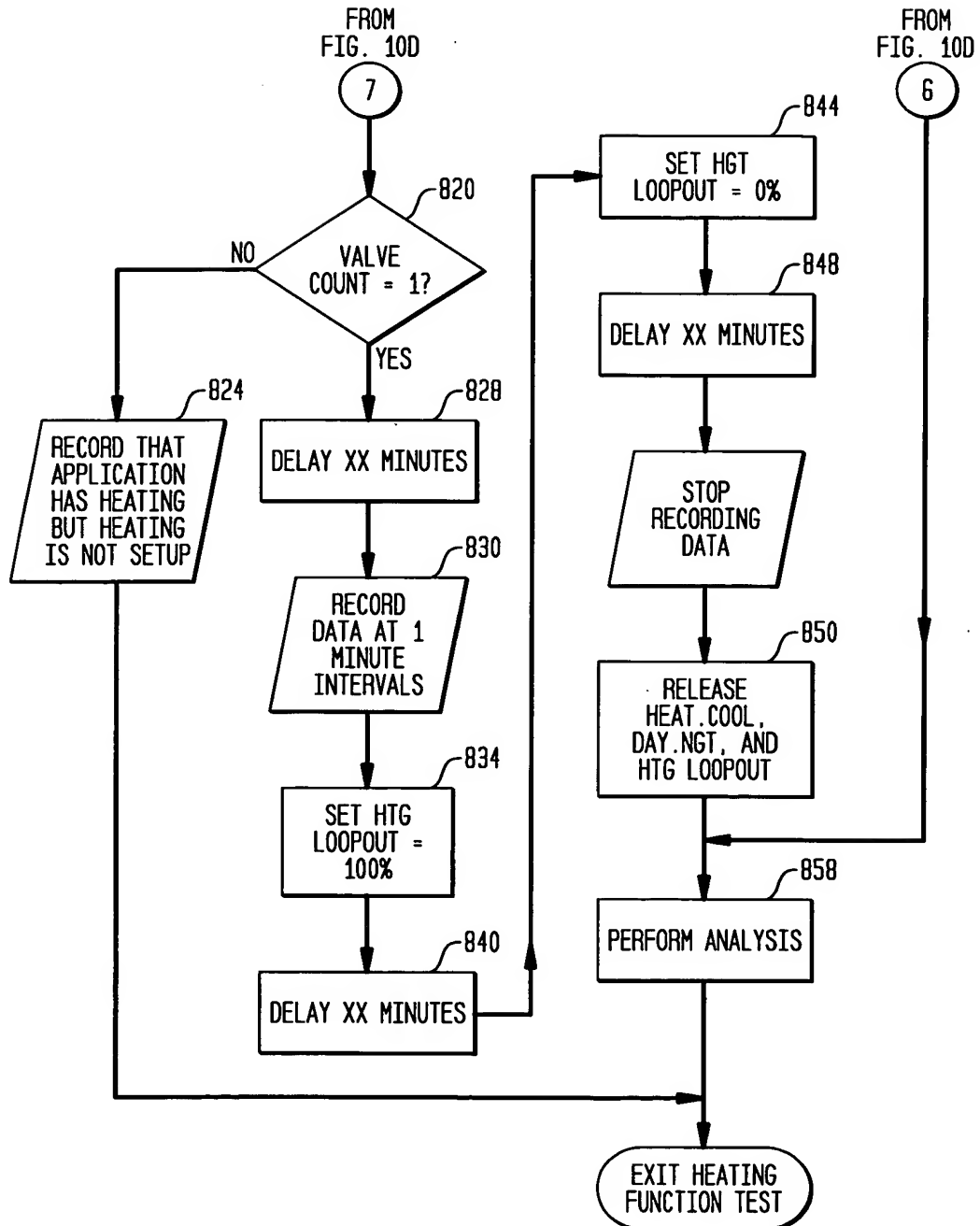


FIG. 10E



THIS IS THE END FOR  
TESTING HW REHEAT

FIG. 11

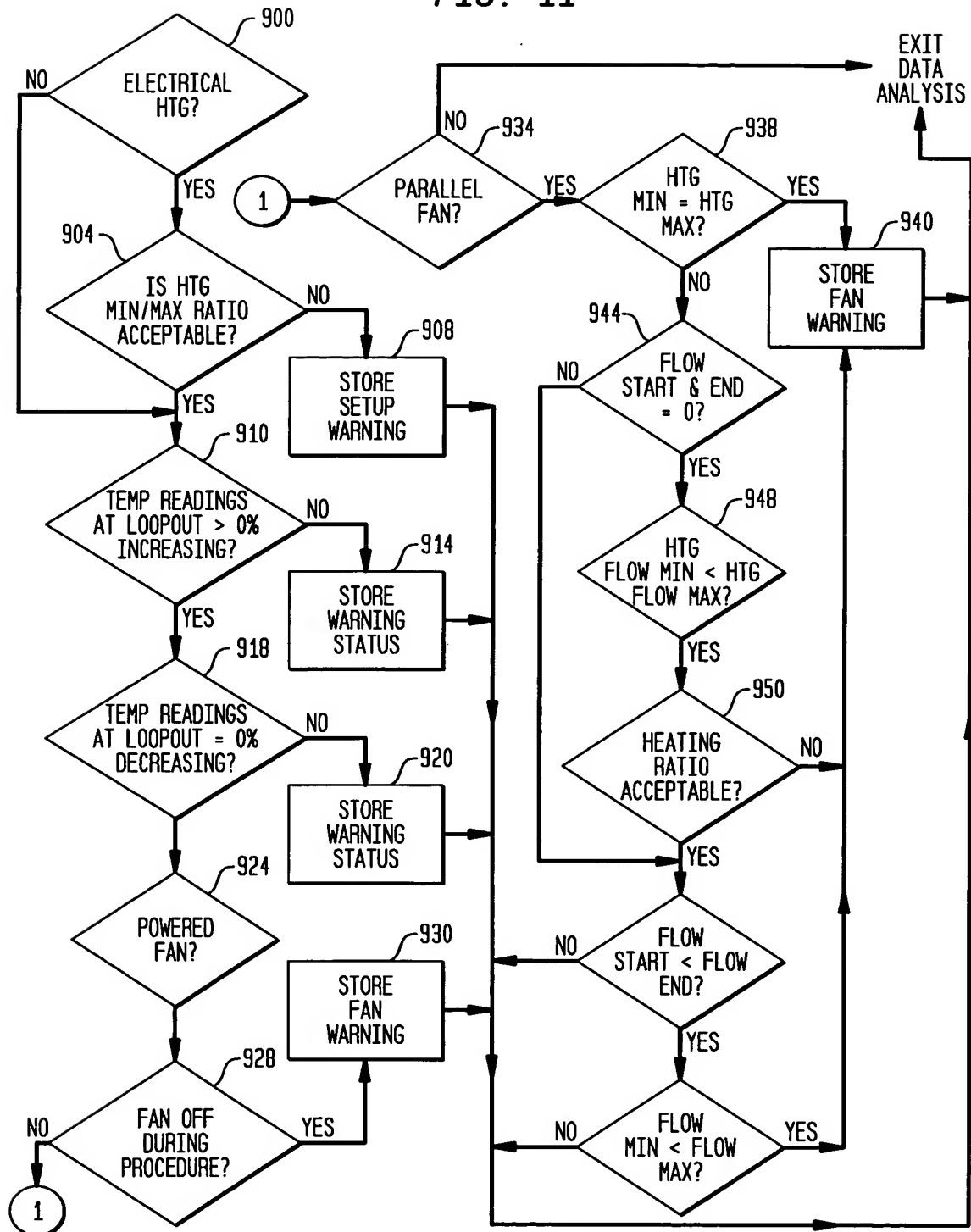


FIG. 12

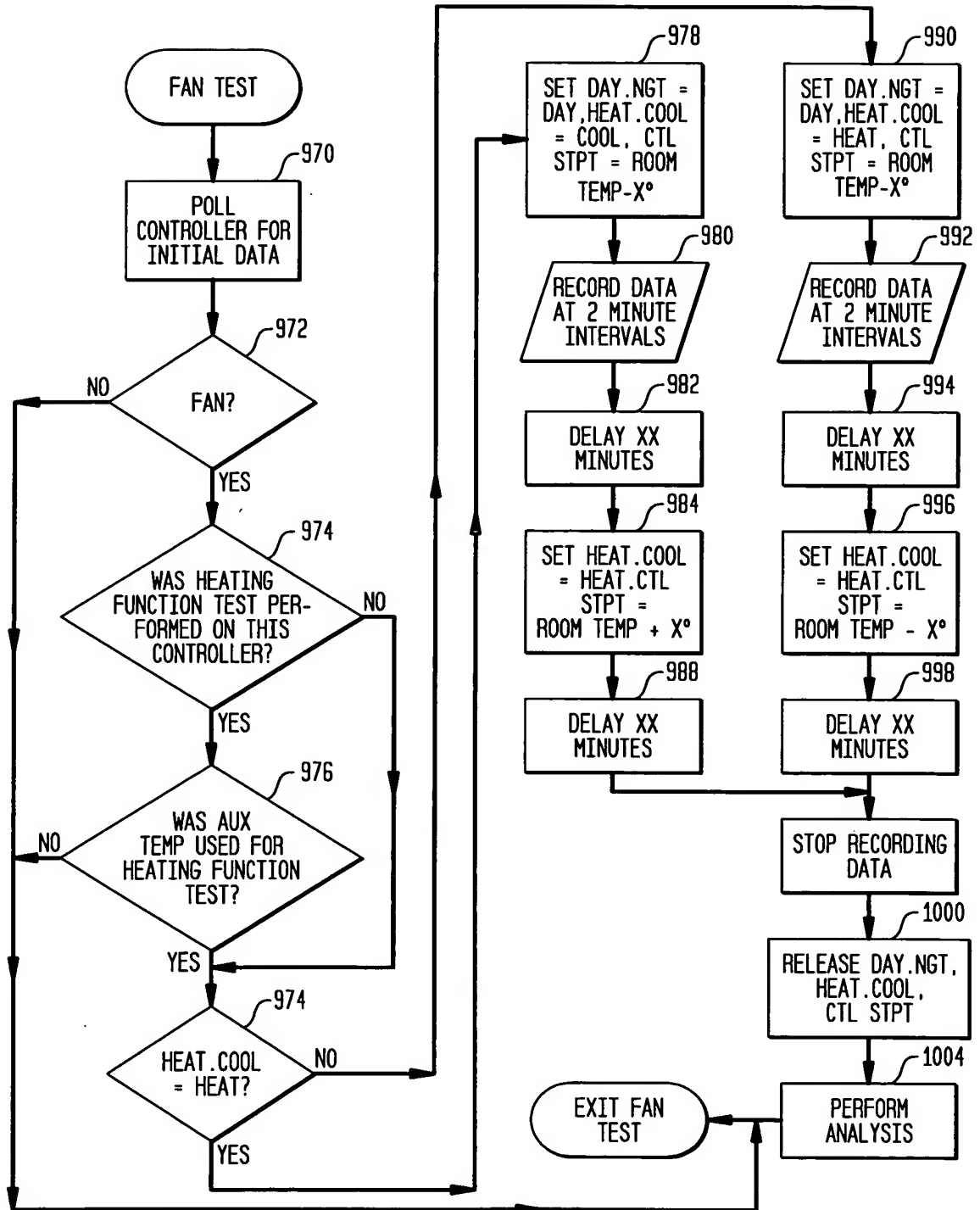
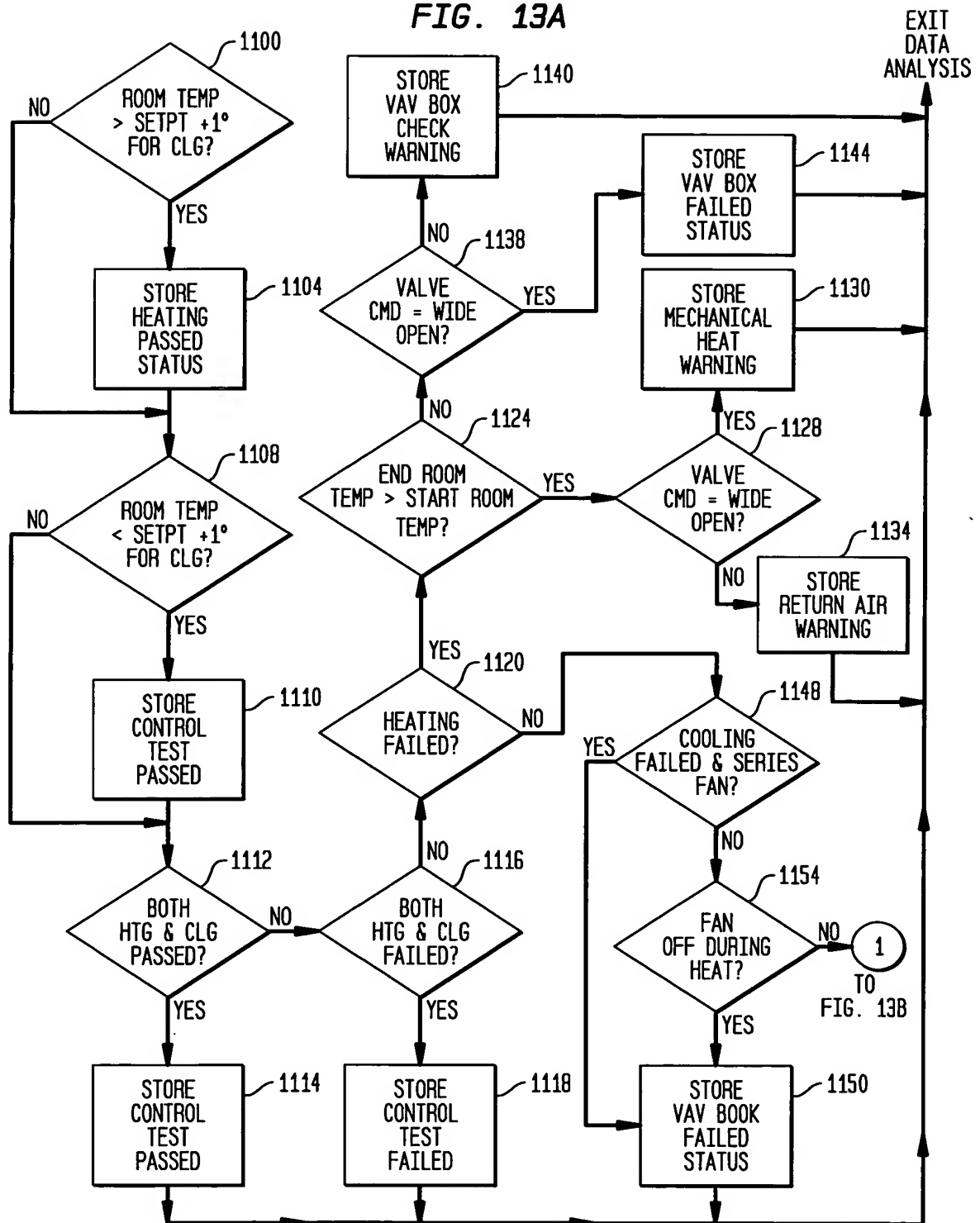




FIG. 13A



**FIG. 13B**

